

# MIT students protest Ferguson grand jury decision on campus

*Students stress that Ferguson shootings are not an isolated incident, call for a conversation about race*

**By William Navarre**  
ASSOCIATE NEWS EDITOR

In the wake of the Ferguson case in Missouri and protests around the country, some MIT students, including many from the Black Students' Union (BSU), were inspired to speak out themselves.

One of the earliest public demonstrations at MIT consisted of two banners that were hung in Lobby 7. They read "Black Lives Matter" and "All Lives Matter," respectively, and were hung up even before the decision to not indict Ferguson Police Officer Darren Wilson was released on November 24th. Grace B. Assaye

'16, co-chair of the BSU and chair of the BSU's Political Action Committee, said 'All Lives Matter' was included to "reject the idea we were being too exclusive."

After the verdict, students replaced only the "Black Lives Matter" banner in Lobby 7 in an effort to emphasize that black people in particular were disproportionately affected by racial profiling and police violence. Within a few hours of the 9 p.m. verdict, students including BSU members, had also begun placing printed signs on bulletin boards around campus.

When some of the signs were later modified to say 'All Lives Matter,' this

upset many of the students who put them up.

"Pride for blacks is seen in a negative light. Like we're infringing" Ikenna P. Enwere '15, a member of the BSU and its Political Action Committee, said.

Ito S. Atakpa '17 said, "Some people don't understand the context of why we need to emphasize black lives matter" in particular, adding that it was likely this lack of understanding that caused people to modify the posters. "It's more so people who refuse to see the racism. [Though they are] the minority by far," she said,

**Black Lives Matter, Page 10**

## IN SHORT

**Destress with therapy dogs today in Hayden from 2 - 4 p.m.** Come cuddle with furry animals before the last week of classes!

**Got a parking ticket from MIT Police recently? Pay it with a toy!** The MIT Police is accepting donations of toys until Dec. 11 as payment of

parking tickets of equal or lesser value. Check out <https://police.mit.edu/toys-tickets> for more information.

**Celebrate Winterfest with President and Mrs. Reif next Wednesday, December 10 from 3 - 4 p.m. at the Student Street in Stata (1st floor).** Refreshments provided!

**The parking office will run shut-**

**ties to the airport Thursday, Dec. 18 through Sunday, Dec. 21.** The ride costs \$10 billed directly to your student account or via employee payroll deduction. Advance reservation at <http://web.mit.edu/facilities/transportation/shuttles/airport.html> is required.

**Send news information and tips to [news@tech.mit.edu](mailto:news@tech.mit.edu).**



DANIEL MIRNY—THE TECH  
**Joshua C. Woodard '18 plays Dave Brubeck's "Take Five" with an ensemble** during Tuesday's CMS Jazz Combos Concert in Killian Hall.

# Nov/Dec Faculty Newsletter released

*Touches on the future of online learning in the age of MOOCs, a sexual assault response primer, and mental health issues*

**By Katherine Nazemi**  
ASSOCIATE NEWS EDITOR

This month's edition of the MIT Faculty Newsletter touched on many of the same issues that have been at the forefront of recent student concerns. The newsletter highlighted faculty positions on issues including online learning and the Task Force on the Future of MIT Education, MIT's response to sexual assault on campus, and mental health at MIT.

**Online Learning and the Task Force on the Future of MIT Education**

Sanjay Sarma, Karen Willcox, and Israel Ruiz, the Task Force Chairs, summarized some of the findings and rec-

ommendations of the task force, focusing especially on the potential impact of tools that MIT develops on other campuses, including high schools.

Recommendations specific to MIT's educational model included "infusing greater flexibility into the core undergraduate curriculum, including the General Institute Requirements (GIRs); expanding the use of diverse pedagogies such as project-based and blended learning models; introducing modularity into the curriculum; and studying new approaches to the assessment of students."

The letter highlighted some of the recommendations which have already been undertaken, including the on-campus MITx Global Entrepreneurship Bootcamp, which in brought

students who had previously taken an online course.

An editorial published in the newsletter highlighted the difficulties on online education. "The two central tensions that are clear in the Future of MIT Education report ... are those between the direct encounter of students with dedicated teachers, and the deep value of direct hands-on engagement in the processes of science and engineering. Both of these dimensions are severely thinned by the MOOC model," the editorial said.

However, the editorial also noted that the large MIT GIRs — which most commonly use online tools — are the classes that don't have much "hands-

**FNL, Page 10**

## Preliminary report for Innovation Initiative released

President Reif wrote in an email Wednesday that the preliminary report on the MIT Innovation Initiative — a manufacturing-focused effort announced last September — has been published. This report, detailing "an ambitious vision for how MIT could enhance its ability to deliver innovation to the world," is a product of the program's Advisory Committee, also formed last fall.

The report, the result of the feedback collected from various MIT stakeholders worldwide, presents four goals: enhancing "idea-to-impact capabilities" through key education and research programs, extending "innovation communities," revitalizing "innovation-centric in-

frastructure," and developing the science of innovation in ways that both inform action and policy.

In particular, the report outlines the creation of a new undergraduate minor studies program (which is already in the works by the Taskforce for an Undergraduate Minor in Entrepreneurship), along with several other programs including funding opportunities, a high school program adjunct to the Minor Introduction to Science and Technology Program (MITES), and a Women in Innovation, Science, and Entrepreneurship Program.

**Innovation, Page 10**



JESSICA L. WASS—THE TECH  
**A large photo of Professor Silvio Micali appeared in the skylight of 32-123 yesterday,** the day of his last 6.006 lecture of the semester.

**SAYING IT LOUD**  
Dealing with racism at the Institute and beyond.  
**CAMPUS LIFE, p. 9**

**CARLSEN STILL ON TOP**  
Chess champion defends title.  
**SPORTS, p. 11**

**SURVIVING PRESENTATIONS**  
By any means necessary.  
**FUN, p. 5**



**INTERSTELLAR**  
Nolan weaves a compelling narrative.  
**ARTS, p. 6**

**BLACK FRIDAY SHOPPING**  
What do gifts remind you of?  
**CAMPUS LIFE, p. 9**

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WEATHER

Rainy weekend in store

By Colin Thackray  
STAFF METEOROLOGIST

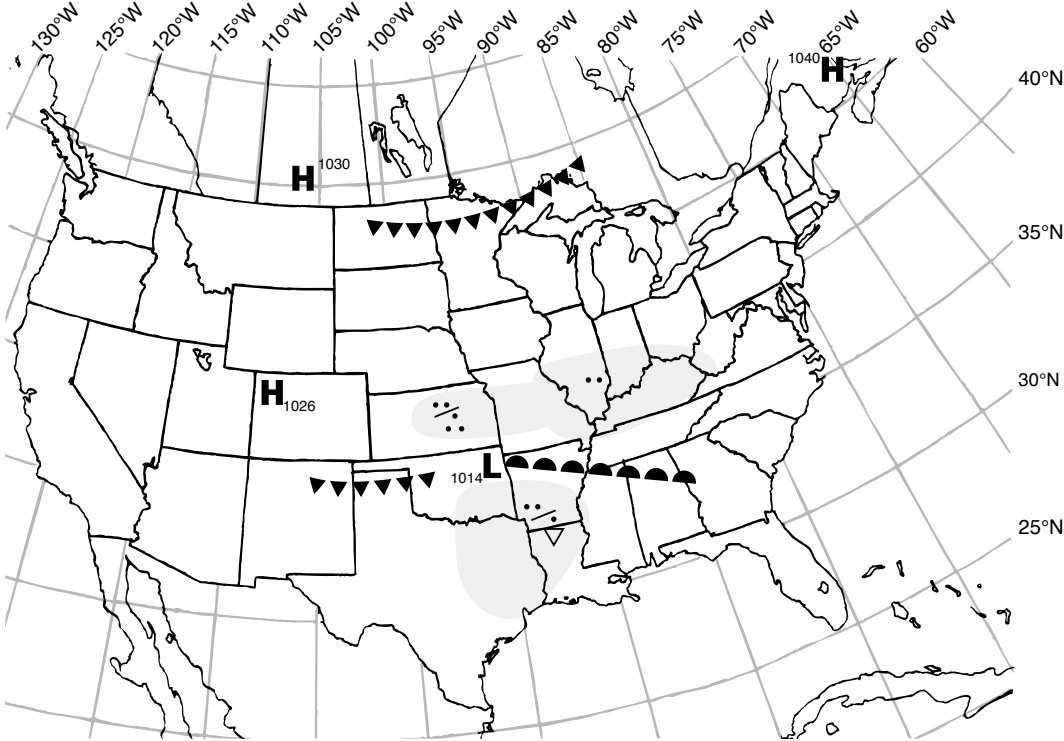
It will be mild and rainy throughout the day tomorrow, with up to an inch of precipitation expected to fall. The rain is likely to start a couple of hours after midnight tonight, and continue into the early morning on Sunday. Colder temperatures will return on Sunday and continue into the early part of next week, with a chance of rain or wet snow on Monday and Tuesday.

In the Pacific, the super typhoon Hagupit is scheduled to make landfall in the

Philippines late tonight. A super typhoon is the equivalent of a Category 4 or 5 hurricane, and this one, in particular, is thought to have winds of up to 160 mph (sustained for at least a minute), making it a very dangerous storm if it makes landfall at close to that intensity. Last year, when Typhoon Haiyan struck the Philippines, it caused thousands of deaths and over 2 billion dollars (US\$) of damage. While chances are very small that Hagupit will be as intense as Haiyan was at landfall, it still presents a significant danger to the Philippines.

Extended Forecast

**Today:** Partly cloudy, high of 40°F. Winds E at 10 mph.  
**Tonight:** Rain starting a little after midnight, low of 36°F. Winds SE at 10 mph.  
**Tomorrow:** Rain throughout the day, high of 50°F. Winds S shifting to N at 10 mph.  
**Sunday:** Partly cloudy, high near 40°F.  
**Monday:** Cloudy, chance of snow. High near 40°F.



Situation for Noon Eastern Time, Friday, 3 December, 2014

Weather Systems	Weather Fronts	Precipitation Symbols		Other Symbols
		Snow	Rain	
<b>H</b> High Pressure	Trough	Showers	Rain	Fog
<b>L</b> Low Pressure	Warm Front	Light	Light	Thunderstorm
<b>§</b> Hurricane	Cold Front	Moderate	Moderate	Haze
	Stationary Front	Heavy	Heavy	

Compiled by MIT Meteorology Staff and The Tech

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Solution to Stressed  
from page 5

3	6	2	5	4	7	1	8	9
7	8	9	6	3	1	2	4	5
4	5	1	9	2	8	7	3	6
5	4	3	1	9	2	8	6	7
6	9	7	4	8	3	5	2	1
1	2	8	7	5	6	3	9	4
9	3	4	2	1	5	6	7	8
2	7	5	8	6	9	4	1	3
8	1	6	3	7	4	9	5	2

Solution to Talented  
from page 8

3	2	4	1	6	5
2	1	3	6	5	4
5	4	6	3	2	1
1	6	2	5	4	3
6	5	1	4	3	2
4	3	5	2	1	6

Solution to Strained  
from page 5

2	1	7	5	8	4	3	9	6
8	5	6	1	9	3	7	2	4
3	4	9	2	7	6	5	1	8
4	7	8	9	3	2	1	6	5
1	9	5	4	6	8	2	3	7
6	2	3	7	5	1	8	4	9
7	3	2	8	4	9	6	5	1
9	8	1	6	2	5	4	7	3
5	6	4	3	1	7	9	8	2

Solution to Talentless  
from page 8

5	4	3	2	6	1
1	6	5	4	2	3
2	1	6	5	3	4
4	3	2	1	5	6
6	5	4	3	1	2
3	2	1	6	4	5

Solution to Light My Fire  
from page 5

V	I	A	L	S		O	W	N	S		I	C	B	M	
I	N	S	E	T		R	I	O	T		S	O	L	E	
G	A	S	G	U	Z	Z	L	E	R		R	A	I	D	
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P	A	I	D		S	P	R	A	Y		C	E	D	E	
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			A	B	A	S	E	S		U	N	W	R	A	P
I	N	N	S		A	P	L	O	M	B		A	G	O	
C	A	K	E		W	O	O	D	P	E	C	K	E	R	
E	D	E	N		E	X	P	O		A	R	E	N	T	
D	A	R	T		D	Y	E	R		M	U	S	T	S	

Solution to On the Move  
from page 8

E	G	G	E		B	L	O	C		G	R	A	M				
S	U	A	V	E		A	I	D	A		R	I	D	E			
C	Y	N	I	C		K	N	O	T		I	C	O	N			
					G	L	O	B	E	T	R	O	T	T	E	R	S
D	E	S		D	U	D			A	T	S	E	A				
E	X	U	D	E	D		F	O	L	K	Y						
R	I	P	E			E	R	A	S	E		G	P	A			
B	L	O	C	K	A	D	E	R	U	N	N	E	R	S			
Y	E	N		I	V	I	E	S		U	N	I	T				
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S	L	A	T	E			A	I	L		U	S	O				
M	E	M	O	R	Y	J	O	G	G	E	R	S					
O	V	E	R		E	A	V	E		R	A	B	I	D			
R	I	N	K		A	D	E	N		T	R	A	C	E			
E	N	D	S		R	E	N	T		S	E	R	U	M			

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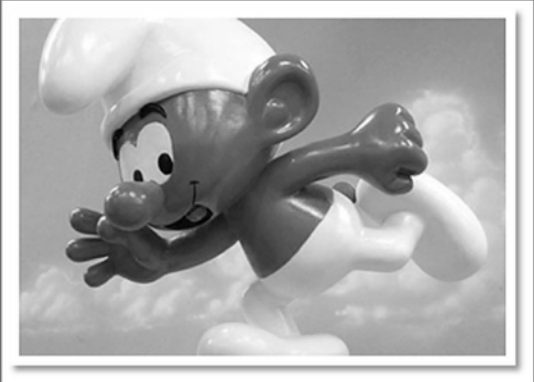
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# Creating a 21st century library for MIT

In a letter to the editor in Tuesday's issue of *The Tech*, graduate student Juliet Stanton makes several observations about the current planning process for renovating Hayden Library. On behalf of the MIT Libraries I can say that we wholeheartedly agree with her views on carefully considering the needs of the entire MIT community as we explore additional ways to meet our mission to create and sustain an environment that advances learning, research, and innovation at MIT. We are committed to supporting students like Juliet, as well as all MIT students, faculty, researchers and staff in the important work they do.

The Libraries provide the MIT community with essential research and teaching materials in both digital and physical formats. As demand for digital content has exploded the Libraries have responded. However, we balance those online services

with physical information assets and facilities desired by the MIT community. Despite the rapid transition to e-content, tangible materials still dominate the Libraries' holdings and require significant resources and space to acquire, manage, and preserve. Our evolving "service model" is user-centered, informed by MIT faculty, researchers, postdocs, students, and staff, as well as the Institute's mission and priorities.

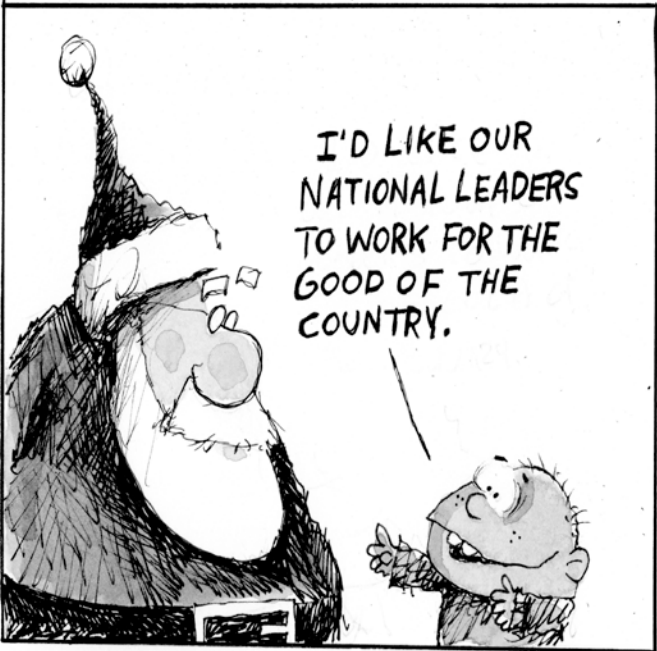
Regarding the Hayden renovation, we have solicited the input of the MIT community, and strived to be as transparent as possible. You can find more details at <http://libraries.mit.edu/future-spaces/>. Fundamentally, we want to answer the questions posed there — What will a premier academic library look like in 2030? How does it support emerging teaching, scholarship, research, and innovation at MIT?

Of course the answers we learn will have to fit into the larger landscape of the fiscal and spatial constraints of the Institute. In launching the project to renovate Hayden Library we are responding to

significant issues related to the building infrastructure — over sixty years old, Building 14 has significant accessibility issues along with outdated core systems such as power, HVAC, and windows. The proposed renovations also advance the concept of Hayden as an academic village, a concept embraced by the recent report of the Institute-wide Task Force on the Future of MIT Education.

We have previously met with Juliet and several of the faculty from the Department of Linguistics and Philosophy to listen to their concerns, and to assure them that their department's needs will be factored into project plans — particularly their needs regarding on-site availability of print collections and concerns about access to offsite collections. We know that a one-size-fits-all strategy is not appropriate at MIT. And we welcome the opportunity to hear from all MIT departments, labs and centers, and to meet with other constituencies to understand their needs and concerns.

*Steve Gass is the Interim Director of MIT Libraries*



An article about the suspension of Delta Upsilon in the Tuesday, Dec. 2 issue of *The Tech* incorrectly said Louis DeScioli was president of MIT DU in fall 2014. He was president of the chapter in fall 2013.

A photo of Lil B in the Tuesday, Nov. 25 issue of *The Tech* incorrectly stated that Christian Welch, the photographer, is staff of *The Tech*, when in fact he is not.

**Editorials** are the official opinion of *The Tech*. They are written by the Editorial Board, which consists of Chairman Annia Pan, Editor in Chief Austin Hess, Managing Editor Judy Hsiang, and Opinion Editor Jacob London.

**Dissents** are the signed opinions of editorial board members choosing to publish their disagreement with the editorial.

**Letters to the editor, columns, and editorial cartoons** are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to [letters@tech.mit.edu](mailto:letters@tech.mit.edu). Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority.

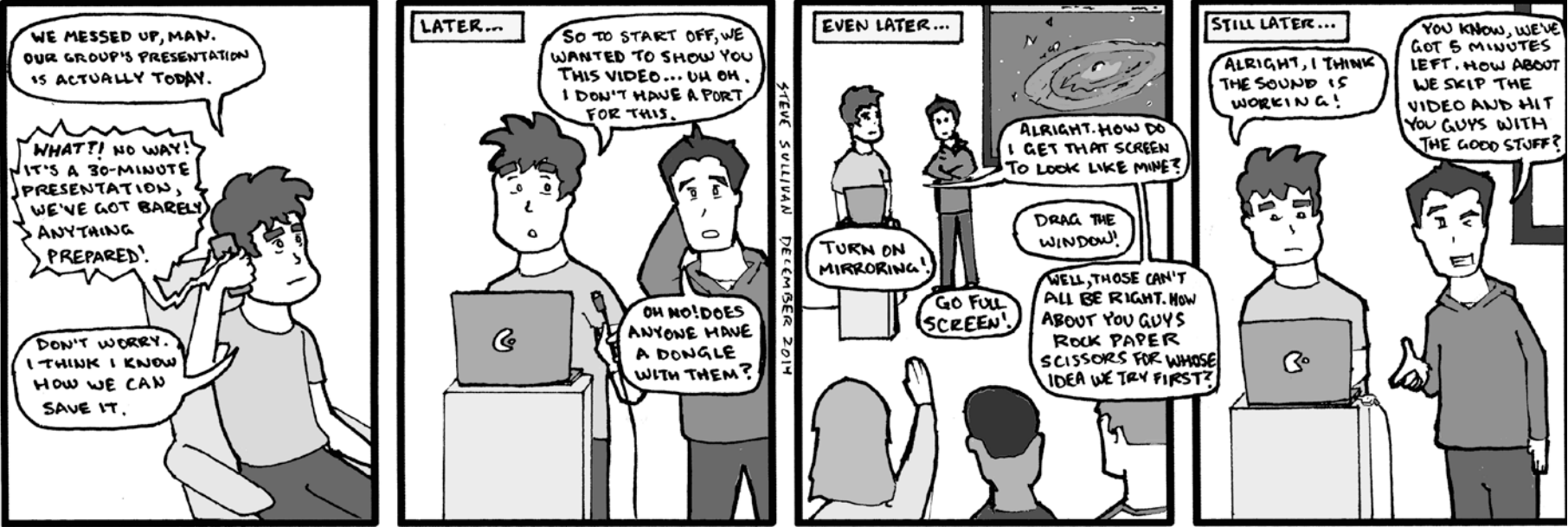
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UPPERCUT by Steve Sullivan



Stressed Sudoku

Solution, page 3

3	6	2	5		7			
	8	9	6					
4		1						
		3		9			6	
		7	4		3	5		
	2			5		3		
						6		8
					9	4	1	
			3		4	9	5	2

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Strained Sudoku

Solution, page 3

				8				
	5	6				7		4
3	4					5	1	
4			9	3	2	1		
		5				2		
		3	7	5	1			9
	3	2					5	1
9		1				4	7	
				1				

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

Light My Fire by Carolyn Stewart

Solution, page 3

ACROSS

- 1 Perfume bottles  
6 Has the deed to  
10 Long-range weapon, for short  
14 Map within a map  
15 Barrel of laughs  
16 Boot bottom  
17 Low-mpg car  
19 Fridge foray  
20 Early afternoon hour  
21 Idle drawing  
22 Heidi setting  
23 Hold on to  
25 Hold in high regard  
27 Pay period, often  
29 Colorful cat  
32 Places for laces  
35 Spider's leg count  
38 At once  
39 Invoice stamp  
40 Nozzle setting  
41 Relinquish  
42 The works  
43 Captain Hook adversary  
44 Tear into little pieces  
45 Spin on an axis  
47 Spectrum color  
49 Belittles  
52 Open, as a gift  
56 Quaint lodges  
58 Self-confidence  
60 In the past  
61 Wedding planner's order  
62 Sapsucker cousin

- 64 Biblical paradise  
65 Trade show, for short  
66 "\_\_\_ you clever?"  
67 Pub missile  
68 Salon specialist  
69 Necessities

DOWN

- 1 Pep  
2 Making no sense  
3 Balance sheet entry  
4 Journey segment  
5 Hits the books  
6 Rice-shaped pasta  
7 Dorian Gray creator  
8 Christmas songs  
9 Elasticized  
10 Tel Aviv's land  
11 Underground shaft worker  
12 Dot on a radar screen  
13 Prescriptions, informally  
18 Part of DMZ  
24 Bowled over  
26 Have a bite  
28 Held on to  
30 Set of rules  
31 Had a debt  
32 Prepare in the ring  
33 Angelic symbol  
34 Frequent Panama Canal crosser  
36 Wrath  
37 What to wear  
40 Vacillated

1	2	3	4	5		6	7	8	9		10	11	12	13
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61					62						63			
64					65					66				
67					68					69				

- 41 Scold, with "out"  
43 After-school org.  
44 Ray of light  
46 Not answering the roll call  
48 Mattress annoyance  
50 Strong adhesive  
51 Inclined path  
53 Autumn implements  
54 Actor's negotiator  
55 Cities with piers  
56 On the rocks  
57 Zilch  
59 Nasal appraisal  
63 Grand \_\_\_ (wine-bottle phrase)



**PAID IAP POSITIONS**

dev@  
**TheTech**

Our website kinda sucks.  
Our technology is old.  
Help us rebuild it this IAP.  
Front and back end positions available.

Apply at [bit.do/thetech](http://bit.do/thetech).



Remember, as we journey through the Institute, there is one thing we must never lose sight of...

...the beacon that illuminates our path forward...

...the essence that evokes our resolve to continue...

A love of science? Career plans?

No! Free food!

## Solution, page 3

1-	24x			20+	
	1		3-		
30x	144x			8x	3x
		10x			
	5		9+		
12+			12x		

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

## Solution, page 3

20x		120x		6x	
	6÷			5+	3
8x		30x			4
	6x			12+	
20+					2
3		120x			

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

## Solution, page 3

- 1 Spurred (on)
- 6 Voting segment
- 10 Carb measure
- 14 Smooth-talking
- 15 Opera set in Egypt
- 16 Fair attraction
- 17 Distrustful person
- 18 Entanglement
- 19 Cultural symbol
- 20 World travelers
- 23 \_\_ Moines, IA
- 25 Fizzler
- 26 In a total fog
- 27 Gave off
- 29 Like hootenanny songs
- 32 No longer green
- 33 Wipe clean
- 34 Dean's List fig.
- 37 Maritime evaders
- 41 Hankering
- 42 Wall creepers
- 43 Blood-bank measure
- 44 Census collections
- 45 More madcap
- 47 Election Day list
- 50 Have a bug
- 51 Troop support grp.
- 52 Mnemonics, for instance
- 57 Finished
- 58 Icicle locale
- 59 Fanatical
- 62 Zamboni venue
- 63 Port of Yemen

65 Finishes  
66 Usage fee  
67 Vaccine fluid

**DOWN**

1 Key near F1  
2 Dude  
3 Combines against  
4 Dark force  
5 Crack, as a cryptogram  
6 Sweltered  
7 Bits of fluff  
8 Redolence  
9 Roman censor  
10 Courageous  
11 Paddy crops  
12 Think much of  
13 Smart set  
21 Unopened flower  
22 No longer available  
23 Topper for Chaplin  
24 Banishment  
28 Boxing Day mo.  
29 Sets loose  
30 Crew-team members  
31 Shaq's alma mater  
33 Tinker with text  
34 Apple Store support station  
35 Is snoopy  
36 Prefix for physics  
38 Check falsifier  
39 #5 baby girl name in 2013

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62						63					64			
65						66					67			

40 Sarandon Oscar role  
44 Lawn décor for new parents  
45 Abrupt turn  
46 Heads-ups  
47 Camper's treat  
48 Rosemary's Baby author  
49 Add a rider to, perhaps

50 Catalyst  
53 Number on a wine label  
54 Gem from China  
55 Place for your dough  
56 Remarkably fine  
60 Post-op area  
61 FDR or LBJ





# Faculty speak on recent campus issues in new FNL

## Discussions on mental health, sexual assault

**Black Lives Matter**, from Page 1

on engagement” to begin with. Nevertheless, the piece questioned whether MOOCs themselves would transform teaching.

“As the material gets more advanced, as the direct transmission of experimental skills, perspective, taste, and critical judgment become more important, MOOCs are unlikely to represent any game-changing advance in pedagogy.”

Nevertheless, a letter from Saif Rayyan and John Belcher provided some data on last spring’s experiment in incorporating online elements into the 8.02 curriculum. Rayyan and Belcher announced an overwhelmingly positive response to the use of online tools, particularly the online problem checker, which “reduced [students’] stress about the homework, and raised their self-confidence.”

A recommendation of the task force, addressed in the newsletter, is to couple advances in teaching with changes in campus construction. The report recommends “establishing a working group on spaces for future student life and learning to bring together stakeholders from around campus to envision, plan, and create spaces for the future of MIT education.”

### Sexual Assault Prevention

Following up on the release of the sexual assault survey, an article in the newsletter offered a “Faculty Primer” on addressing sexual misconduct, which provided background on Institute laws and regulations, as well as guidance to faculty members about what to do if students report sexual assault.

In a letter, Edmund Bertschinger and Sarah Rankin wrote on some of the recent changes to MIT policy as a result of new national laws, which require, among other things, that MIT employees take part in an education program, and that MIT publish statistics on all campus crimes.

The letter also outlined suggestions for faculty to whom students had reported sexual harassment. Recommendations included:

Listen and avoid judgmental questions —

never blame a victim; be flexible, if possible, when it comes to class or lab assignments and deadlines; refer the student to MIT Medical’s Violence Prevention and Response team; inform the Title IX Office.

### Mental Health

Several letters addressed the issue of mental health at MIT, with one reflecting on the “All Doors Open” initiative and highlighting student responses and feedback, and another detailing some resources for students and faculty.

Feedback from students indicated that many found the “All Doors Open” initiative to be a very positive experience which allowed them to engage in dialogue around topics which often go unspoken. Individual accounts highlighted particularly effective attempts to engage the community: students appreciated a faculty member who took the time to ask students about what made the class stressful, or noted that encouragement from others helped decrease feelings of isolation.

“All Doors Open” also sparked dialogues about “the need to increase interaction and break down barriers that exist on campus,” and the “fear of failing and imposter syndrome,” which create serious sources of stress.

While specific actions to further the initiative, which took place to reflect on recent deaths in the community, were not discussed in the newsletter, student feedback and recommendations were highlighted.

“One student proposed developing training exercises for faculty to help recognize signs of distress and to identify those who may need help.”

Additionally, the letter addressed requests for more direct communication. “A number of community members told us that we need to be more forthcoming in naming the problems we are trying to solve, that we should acknowledge suicides if they occur, and we should not be afraid to use the word if we want to find ways to help,” said the letter.

Other issues covered in this month’s newsletter include access and affordability of an MIT education, and being “nice” at MIT.

# Students react to bias in Ferguson coverage

## Coverage of riots is ‘disproportionate’

**FNL**, from Page 1

“there are people who are legitimate racists,” citing a racially offensive comment she saw on the MIT website ‘I Saw You.’

“It’s also sidestepping the issue at hand,” Pedro D. Polanco ’17, a member of the BSU, said. It’s “taking away from the fact that the value the U.S. [places] on black lives is lesser.”

President L. Rafael Reif wrote an email to the MIT community about the issue asking for “understanding and kindness.”

The email mentioned that “one of [the ‘Black Lives Matter’] signs was defaced in a very disparaging way.” Alyssa M. Napier, co-chair of the Black Women’s Alliance and member of the BSU’s Political Action Committee, confirmed that President Reif was referring to a particular instance in which a chalking in Building 32 had been modified to read “Black Lies Matter.”

Students told *The Tech* that it’s important to realize that Ferguson is not an isolated incident. Enwere said, “Another grand jury decided not to indict Daniel Pantaleo, the officer who put Eric Garner in a fatal chokehold by police in Staten Island. That situation is entirely on video, clear video of what happened... he was choked to death, no

CPR.”

Atakpa pointed out that focusing on a single case “detracts” from the larger issue. “If people can convince themselves [Officer Wilson] was within his rights to shoot Brown... then people can come to the conclusion that there is no police brutality.”

Discussing the issue with *The Tech*, students said they thought that the Ferguson case might not have been covered fairly in national media.

“The coverage of the riots is very disproportionate, [suggesting] everyone is breaking into stores, starting fires, that there’s just this huge riot” said Atakpa, pointing out that “actually most of the protest is peaceful — it’s a very small fraction of it that’s violent.”

Napier said the language the media uses might be biased or inflammatory. “Why does he have to be called a thug?” she asked.

In order to do its part and try to help improve the situation, the BSU has been working on a project called “Ask a Black Student,” whose tongue-in-cheek name was meant to make people feel more comfortable, according to Enwere.

“We wanted MIT to have a discussion. We know that a lot of people are uncomfortable discussing race issues.”

**Innovation**, from Page 1

In the innovation communities section, the report presents plans to bring together the programs that focus on innovation and entrepreneurship through student and postdoc communities, partnerships with industry, and global innovation nodes to “expand MIT’s innovation footprint.”

Locally, the report calls for establishing innovation hubs on east and west campus and presents a vision for the creation of a network of smaller maker spaces throughout campus. Building on these new initiatives, the report also


includes a proposal for a Laboratory for Innovation Science and Policy that will “unite multidisciplinary talent from all MIT schools to develop new knowledge of the innovation process.”

The co-directors of the Innovation Initiative, Vladimir Bulovic, associate dean for innovation in the School of Engineering and Fiona Murray, associate dean for innovation at MIT’s Sloan School of Management, led the 19-member faculty committee in compiling the report.

The full text of the report can be found online at [innovation.mit.edu](http://innovation.mit.edu).

—Stan Gill

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# THE MUSICAL


Free a cappella concert

Sunday, Dec 7<sup>th</sup>, 2014 ♦ 8pm @ 10-250


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- refreshments provided -

Jewish, Hebrew, Israeli a cappella



[techiya.mit.edu](http://techiya.mit.edu)





# Carlsen is still World Champion

*Dominant opening helps Carlsen win*

By Souparno Ghosh  
SPORTS WRITER

Norwegian Grandmaster Magnus Carlsen retained his World Chess Championship crown after seeing off Vishwanathan Anand of India, 6.5 — 4.5 in a rematch of last year’s World Championship. In 2013, Carlsen had comprehensively beaten Anand, winning three and drawing the rest en route to his first World title. Carlsen, the youngest player to the be highest rated player in the world admitted he was surprised to see that Anand had been victorious at the Candidates tournament thereby earning a right to reclaim his title.

Carlsen got off to a dominant start winning the second game and claiming an early lead. It was the first of three games Anand would employ the Berlin defense against Carlsen’s king pawn opening. Anand equalized immediately, showing off his thorough opening preparation opting the more positional queen’s pawn opening.

The key moment of the match came in Game 6: Carlsen playing white had a decent advantage but was nowhere close to winning when he blundered. Remarkably, Anand missed his chance, gifting Carlsen a victory from the jaws of defeat. After drawing until Game 10, Anand was forced to go for an exchange sacrifice in Game 11. Despite some initial counter-play, Carlsen defended well and converted the material advantage to a victory thereby retaining his World title.

This was definitely more of a contest than a year ago, although Carlsen was never on the back-foot except for that one move.

# Men’s basketball comes up short

*UMass Boston takes down Engineers by a final score of 59–52*

By Phil Hess  
DAPER STAFF

Cold shooting and turnovers were more than MIT could overcome tonight as UMass Boston took a 59-52 decision in a non-conference men’s basketball matchup. Senior Carl Joseph led all scorers with 23 points for the Beacons, while Justin M. Pedley ’16 led the Engineers with 15.

Neither team could pull away in the first 10 minutes of the opening half. Dennis R. Levene ’15 hit the first basket of the game for No. 11 MIT (4-1), with senior Steven McGuire answering for UMass Boston (6-1). Over the next 10 minutes nether side had more than a three-point advantage as the teams saw the score tied four times and the lead change hands three times.

Joseph tied the game for the fourth time with a jumper that knotted things up at 12-all at the 9:15 mark. MIT then committed five turnovers over the next three minutes and the Beacons took advantage by putting together the first run

of the game, a 9-0 surge that had them up 19-12 after a free throw by Joseph. UMass Boston still led by seven after a pair of free throws by senior Gregory Young, but a three-pointer by Pedley started the Engineers on the come back trail.

With a minute to go in the half a lay up by Ryan L. Frankel ’16 had MIT back within one at 24-23, but Joseph hit a pair of free throws to give UMass Boston a 26-23 advantage at the half.

Another tight battle ensued in the second half, but MIT started to pull back even and eventually tied the game up for the fifth time at 31-31 when Levene converted on a three-point play at 14:12. Two minutes later a three by Pedley gave the Engineers their first lead of the half at 38-35, but they could not add to their advantage and UMass Boston pulled back even at 39-39 on a jumper by junior Layo Medina with 8:53 left

Joseph then came up with a steal, turning it into three points on the other end on a lay up and free throw. It turned out to be part of a 9-0 run that had the Beacons up 46-39 at the seven-minute

mark on another Joseph lay up and UMass Boston never trailed again. MIT crept to within four on a Pedley trey with 1:48 to go, but the Engineers were forced for foul and the Beacons hit five-of-six from the line in the final 38 seconds to seal the victory.

Joseph was the only player in double figures for UMass Boston, adding eight rebounds and four steals. Andrew M. Acker ’15 had 11 points and led MIT with eight rebounds, with Frankel also reaching double figures with 10 points. The Beacons outshot the Engineers, 40 percent to 34.7 percent, with MIT holding a 39-34 edge on the glass. Shooting was especially cold from behind the three-point line where the two teams combined to hit just five of 37 attempts.

MIT will be in action again on Thursday, December 4, when the Engineers will travel to Salem State for a 7:00 p.m. contest. UMass Boston will be on the court again on Saturday, December 6 when the Beacons will open Little East Conference play at Keene State at 3:00 p.m.

## UPCOMING HOME EVENTS

### Friday, December 5

Women’s Swimming and Diving vs. MIT Winter Invitational

6:30 p.m., Zesiger Center Pool

Men’s Swimming and Diving vs. MIT Winter Invitational

6:30 p.m., Zesiger Center Pool

### Saturday, December 6

Women’s Swimming and Diving vs. MIT Winter Invitational

10:30 a.m., Zesiger Center Pool

Men’s Swimming and Diving vs. MIT Winter Invitational

10:30 a.m., Zesiger Center Pool

### Sunday, December 7

Women’s Swimming and Diving vs. MIT Winter Invitational

10:30 a.m., Zesiger Center Pool

Men’s Swimming and Diving vs. MIT Winter Invitational

10:30 a.m., Zesiger Center Pool

Susie: Hey Ethan!

Ethan: What's up?

Susie: I'm looking for a job on campus. Do you have any ideas? I like programming and computers.

Ethan: You should join the technology department at The Tech! We pay \$14/hr.

Ethan: You get to learn valuable job skills too!

Susie: Cool, but what if I don't know that much yet?

Ethan: We've got people who can help you out.

Ethan: E-mail join@tech.mit.edu and we'll send you more info!



# Attention continuing students:

**CI-H**

Communication-  
Intensive  
HASS



**CI-HW**

Communication-  
Intensive  
HASS  
Writing



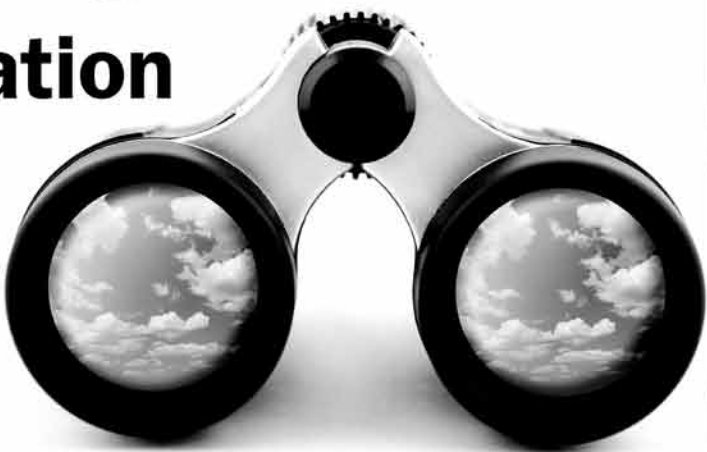
If you plan to take a subject designated CI-H or CI-HW this spring, you must select it in pre-registration on WebSIS by **Wednesday, December 31** in order to have the chance to be scheduled into it.

# Share Your View

[web.mit.edu/subjectevaluation](http://web.mit.edu/subjectevaluation)

**DEADLINE:**  
**Monday, 12/15 at 9 AM**

**Fall 2014 end-of-term subject evaluations**



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